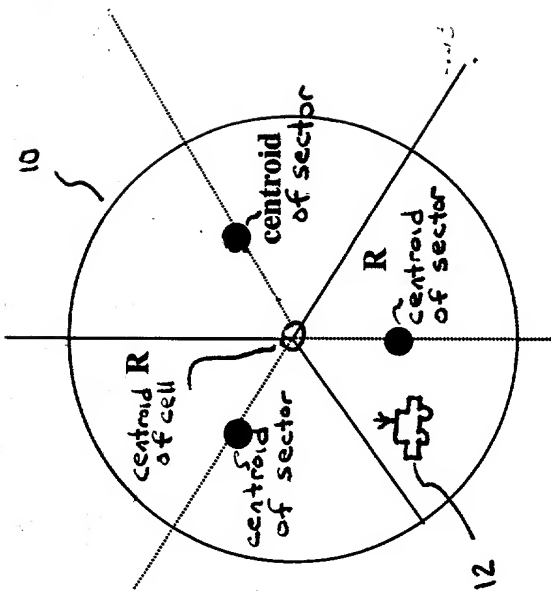


18



Prior Art  
FIG. 1

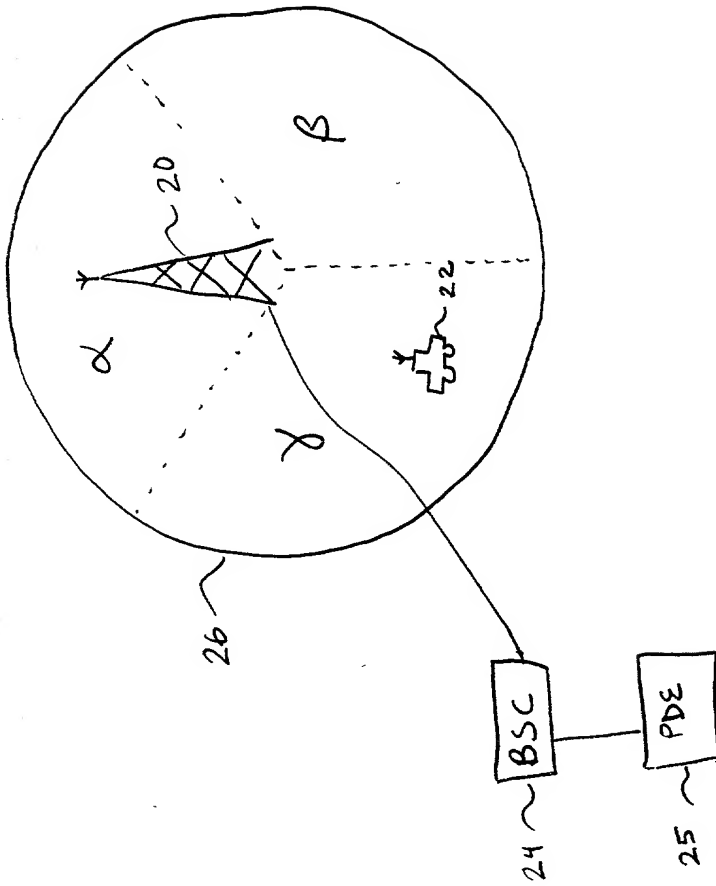


FIG. 2

# Timing Advance (TA) in GSM

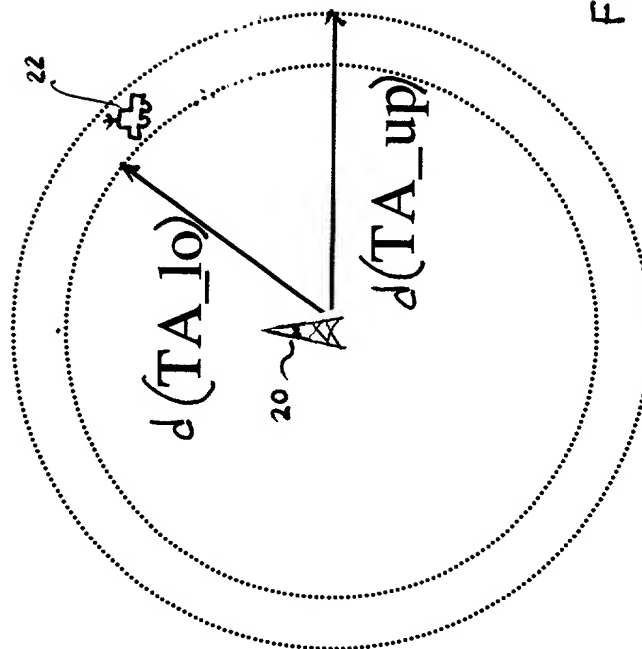


Fig. 3

TA resolution:  $T/2 = 24/13 \mu s$ , or 554 m measured in one-way-delay.

TA range: 0-63, or 0-219 if extended TA is supported

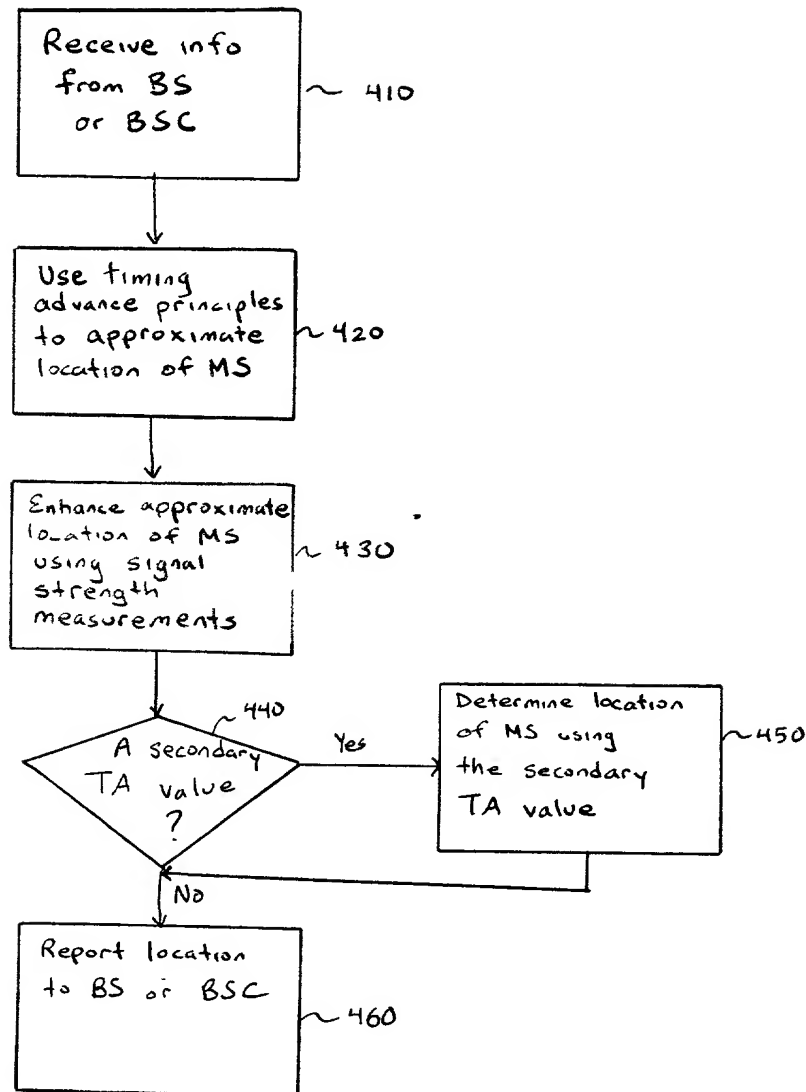
400

FIG. 4

FIG. 5

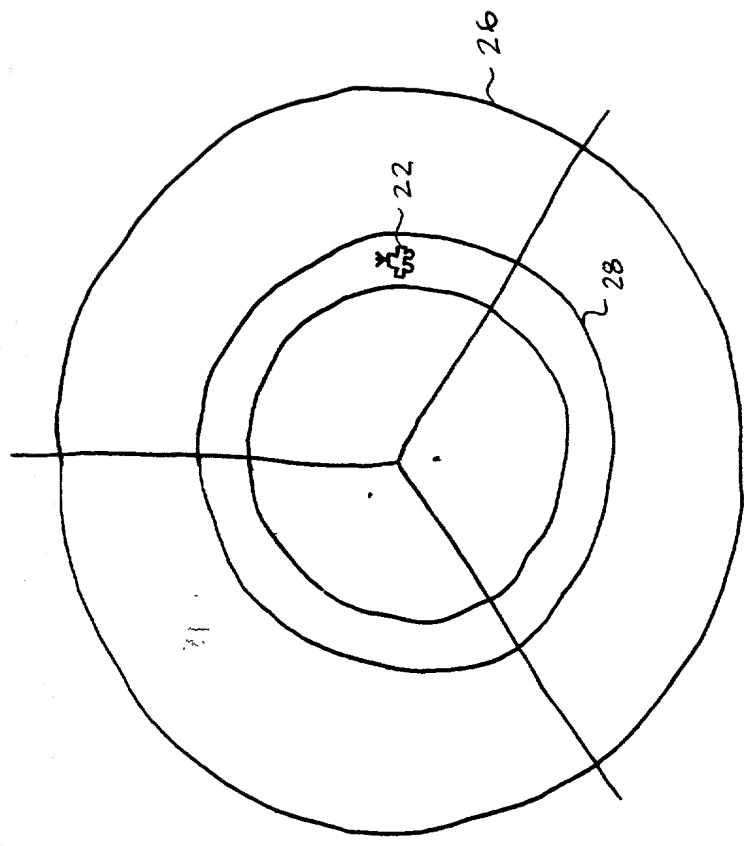
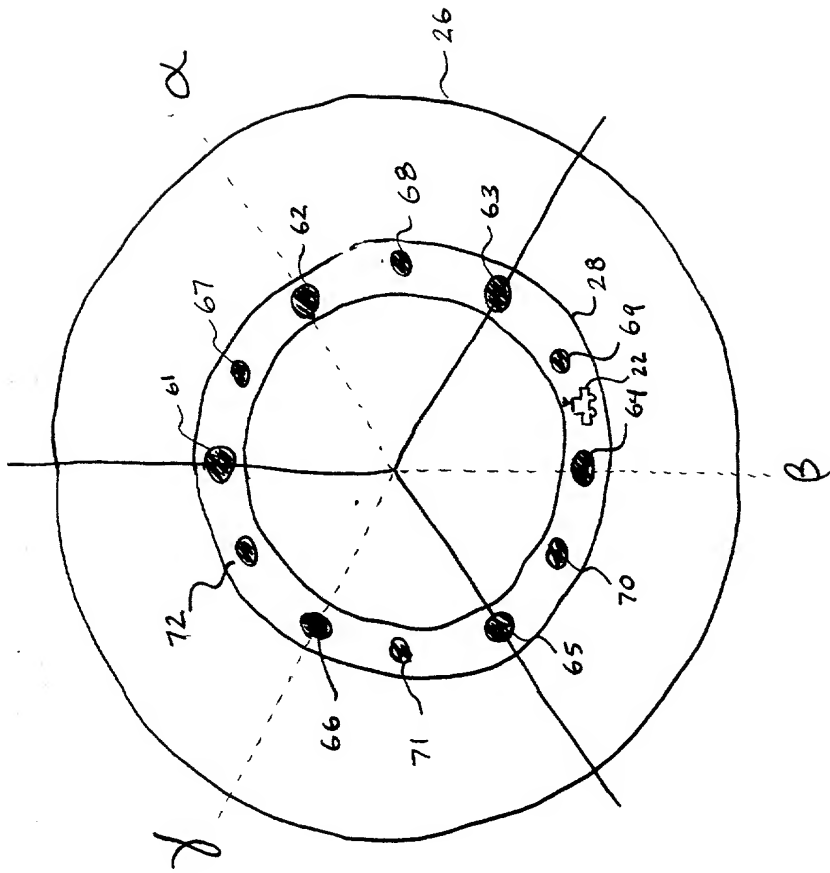


FIG. 5

CHEN 148

CHEN 148

FIG. 6



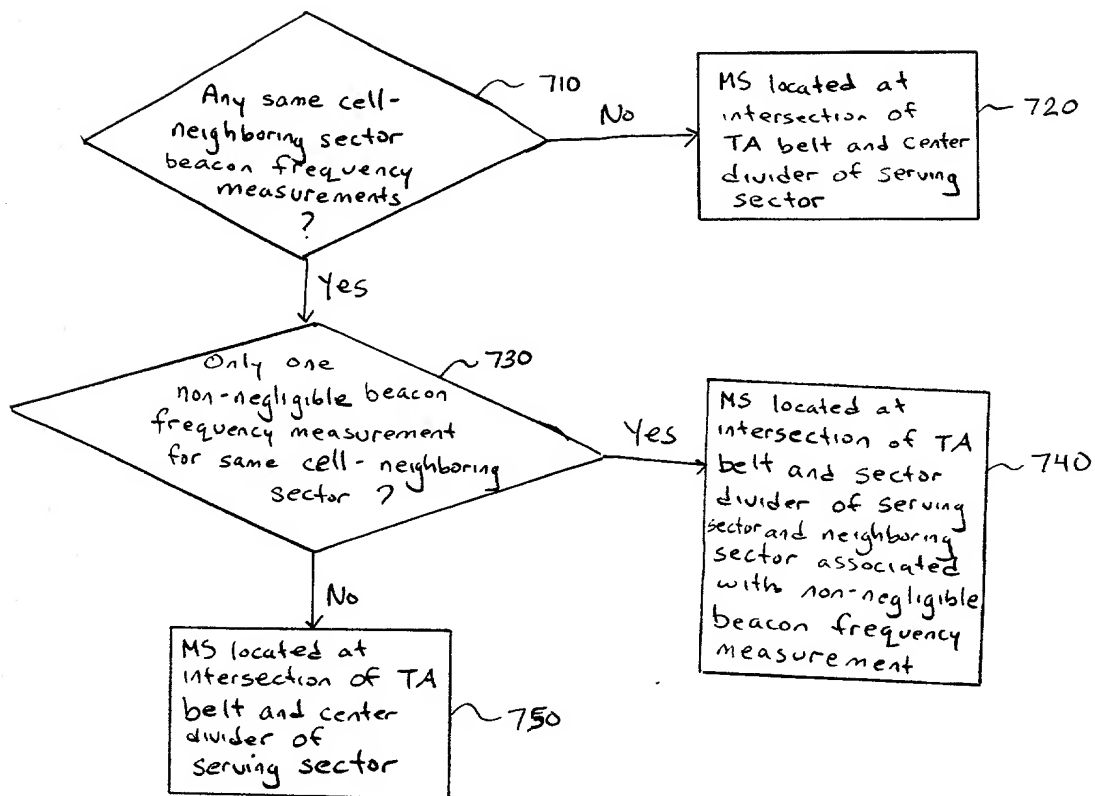


FIG. 7



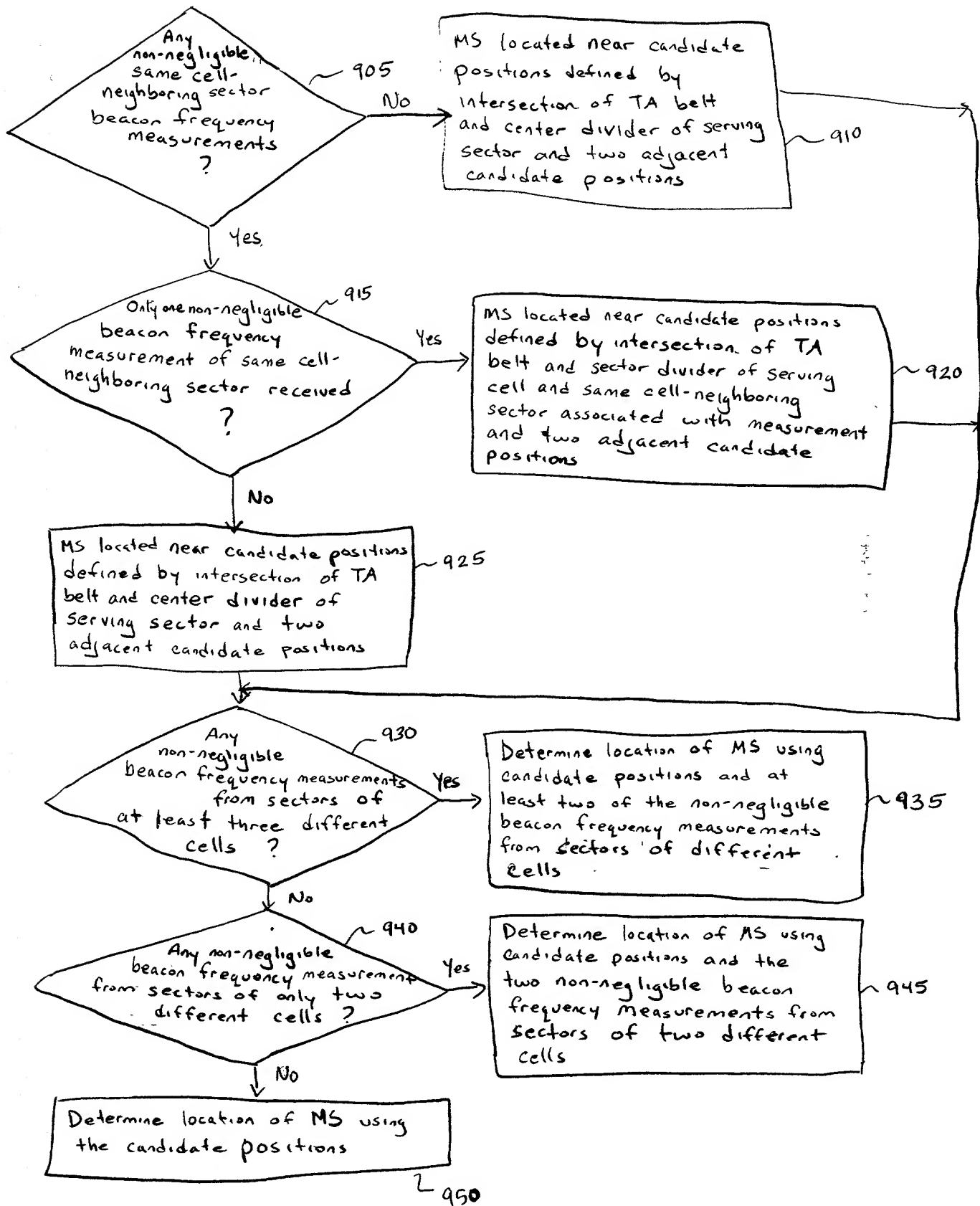


FIG. 9



